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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

1

of

3

## Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	GERARD J. KARPIK
Group Art Unit	
Examiner Name	

Attorney Docket Number 51867-301418

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
TW		2002/0171290 A1	11/21/02	Boym	
		3,089,710	5/1963	Fiala	
		3,115,945	12/31/63	Dry et al.	
		3,527,505	9/8/70	Hetteen	
		3,623,583	11/1971	Gostomski	
		3,637,265	1/25/72	Valentine et al.	
		3,658,392	4/1972	Perreault et al.	
		3,711,164	1/16/73	Chaumont	
		3,721,308	3/20/73	Brandli et al.	
		3,727,709	4/1973	Newman	
		3,744,583	7/10/73	Bedard	
		3,788,412	1/1974	Vincent	
		3,879,092	4/1975	Rose	
		3,913,693	10/21/75	Hale et al.	
		3,913,694	10/21/75	Forsgren	
		3,933,213	1/1976	Trowbridge	
		3,944,005	3/1976	Tomita	
		3,966,181	6/1976	Lessard	
		4,057,916	11/1977	Roemer	
		4,222,453	9/1980	Foxsen et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>5</sup> - Number <sup>6</sup> - Kind Code <sup>7</sup> (if known)				
TW		CA - 895747	3/1972	Heitean et al.		
		CA - 942802	2/1974	Perreault et al.		
		CA - 944001	3/1974	Chaumont		
		CA - 956674	10/1974	Newman		
		CA - 994395	8/1976	Vincent		
		CA - 1026807	2/1978	Forsgren		
		CA - 1029425	4/1978	Rose		
		FI - 850110	07/11/88			
		FI - 901451	9/24/91	Upola Eero Juhani		

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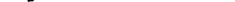
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<b>Complete If Known</b>			
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Examiner Name			
Sheet	2	of	3
		Attorney Docket Number	
		51867-301418	

U.S. PATENT DOCUMENTS				
Examiner Initials <i>TV</i>	Cite No. <i>1</i>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number - Kind Code <sup>2</sup> (if known)		
	4,337,958		7/1982	Witt et al.
	4,407,388		10/1983	Yasui et al.
	4,489,954		12/25/84	Yasui et al.
	4,518,056		5/1985	Kobayashi
	4,671,521		6/9/87	Talbot et al.
	4,690,234		9/1/87	Takada
	4,700,815		10/1987	Persicke et al.
	4,699,229		10/13/87	Hirose et al.
	4,987,965		1/21/91	Bourret
	5,014,805		5/14/91	Uchida
	5,029,684		7/9/91	Zulawski
	5,203,424		4/20/93	Gogo et al.
	5,265,892		11/1993	Mallette
	5,370,198		12/6/94	Karpik
	5,533,585		7/9/96	Kawano et al.
	5,687,031		9/16/97	Karpik
	5,692,579		12/2/97	Peppel et al.
	5,727,843		3/17/98	Kawano et al.
	5,829,545		11/3/98	Yamamoto et al.
	5,881,834		3/16/99	Karpik

Examiner Signature		Date Considered	9/5/04
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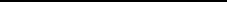
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		Attorney Docket Number	51867-301418

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**Applicant's unique citation designation number (optional).** <sup>2</sup> See *Kinds Codes of USPTO Patent Documents* at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Further Office action is issued on the document by the first letter of the 15-month sequence number assigned to the application of the document.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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